

# THIN WALL SINGLE CORE AUTO CABLES

High temperature thin wall low voltage wiring cables suitable for use in the automotive, marine and allied industries. These cables are specified as standard by manufacturers throughout Europe due to their high performance characteristics.

## Specification

- Manufactured in accordance with ISO6722 : 2006 (Class B).
- Suitable for 12v and 24v systems (Maximum voltage 60v.) - excluding High Tension Circuits.
- Plain Copper Conductors - PVC Insulated.
- Suitable for use at temperatures from -40°C to +105°C with excursions up to +120°C.
- Reduced insulation gives considerable savings in weight and volume especially when used in large wiring harnesses.
- Good resistance to petrol, diesel, lubricating oils and diluted acids.
- Good resistance to moisture.
- Hard grade PVC insulation offers good resistance to abrasion and cut through.
- Technical data sheet available on request.
- See pages 3, 4 and 5 for the list of available colours.

Extended Range



New

New

Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Nominal Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Maximum Loading (Watts)		Resistance Per Metre at 20°C (Ohms)	Reel Sizes (Metres)			Box Pack Sizes (Metres)
					12 Volts	24 Volts					
TW 0.35	12/0.20	0.35	7.0	1.4	84	168	0.0544	500			6000
TW 0.5	16/0.20	0.5	11.0	1.7	132	264	0.0371	50	100	500	5000
TW 0.75	24/0.20	0.75	14.0	1.9	168	336	0.0247	50	100	500	5000
TW 1.0	32/0.20	1.0	16.5	2.1	198	396	0.0185	50	100	500	3500
TW 1.5	21/0.30	1.5	21.0	2.4	252	504	0.0127	50	100	500	2500
TW 2.0	28/0.30	2.0	25.0	2.8	300	600	0.00942	50	100	500	2000
TW 2.5	35/0.30	2.5	29.0	3.0	348	696	0.00760	50	100	300	1500
TW 3.0	44/0.30	3.0	33.0	3.4	396	792	0.00600	30	100	300	1250
TW 4.0	56/0.30	4.0	39.0	3.8	468	936	0.00471	30	100	300	1000
TW 4.5	65/0.30	4.5	42.0	4.1	504	1008	0.00406	30	100	300	800
TW 6.0	84/0.30	6.0	50.0	4.3	600	1200	0.00314	30	100	300	600
TW 7.0	97/0.30	7.0	57.0	5.1	684	1368	0.00279	30	100		
TW 8.5	120/0.30	8.5	63.0	5.6	756	1512	0.00220	30	100		
TW 10.0	80/0.40	10.0	70.0	6.0	840	1680	0.00182	30	100		
TW 16.0	126/0.40	16.0	110.0	7.9	1320	2640	0.00160	10	30	100	
TW 25.0	196/0.40	25.0	170.0	9.4	2040	4080	0.000757	10	30	100	

## COLOUR CODE ABBREVIATIONS

BLACK = B  
 GREEN = G  
 PINK = K  
 LIGHT GREEN = LG  
 BROWN = N  
 ORANGE = O



PURPLE = P  
 RED = R  
 GREY = S  
 BLUE = U  
 WHITE = W  
 YELLOW = Y

## THIN WALL SINGLE CORE AUTO CABLE COLOURS

A number of the colours listed below are non-stock items and a lead time will apply.

If the colour you require is not listed, then please contact the sales department for the minimum order quantity and lead-time.

<b>TW 0.35</b> 12/0.20mm (0.35mm <sup>2</sup> )	Black	Pink/Red	Red/White	Grey	Brown/White
	Green	Pink/Grey	Red/Yellow	Blue	Brown/Yellow
	Pink	Pink/Blue		White	
	Light Green	Pink/White	Grey/Black	Yellow	Orange/Black
	Brown	Pink/Yellow	Grey/Green		Orange/Green
	Orange		Grey/Pink	Black/Green	Orange/Pink
	Purple	Light Green/Black	Grey/Light Green	Black/Pink	Orange/Brown
	Red	Light Green/Green	Grey/Brown	Black/Light Green	Orange/Purple
	Grey	Light Green/Pink	Grey/Orange	Black/Brown	Orange/Red
	Blue	Light Green/Brown	Grey/Purple	Black/Orange	Orange/Grey
	White	Light Green/Orange	Grey/Red	Black/Purple	Orange/Blue
	Yellow	Light Green Purple	Grey/Blue	Black/Red	Orange/White
		Light Green/Red	Grey/White	Black/Grey	Orange/Yellow
		Light Green/Grey	Grey/Yellow	Black/Blue	
		Light Green/Blue		Black/White	Purple/Black
		Light Green/White	Blue/Black	Black/Yellow	Purple/Green
		Light Green/Yellow	Blue/Green		Purple/Pink
			Blue/Pink	Green/Black	Purple/Light Green
	<b>TW 0.5</b> 16/0.20mm (0.5mm <sup>2</sup> )	Black	Brown/Black	Green/Pink	Purple/Brown
	Green	Brown/Green	Blue/Light Green	Green/Light Green	Purple/Orange
Pink	Brown/Pink	Blue/Brown	Green/Brown	Purple/Red	
Light Green	Brown/Light Green	Blue/Orange	Green/Orange	Purple/Grey	
Brown	Brown/Orange	Blue/Purple	Green/Purple	Purple/Blue	
Orange	Brown/Purple	Blue/Red	Green/Red	Purple/White	
Purple	Brown/Red	Blue/Grey	Green/Grey	Purple/Yellow	
Red	Brown/Purple	Blue/White	Green/Blue		
Grey	Brown/Red	Blue/Yellow	Green/White	Red/Black	
Blue	Brown/Grey		Green/Yellow	Red/Green	
White	Brown/Blue	White/Black		Red/Pink	
Yellow	Brown/White	White/Green	Pink/Black	Red/Light Green	
	Brown/Yellow	White/Pink	Pink/Green	Red/Brown	
		White/Light Green	Pink/Light Green	Red/Orange	
Black/Green	Orange/Black	White/Orange	Pink/Brown	Red/Purple	
Black/Pink	Orange/Green	White/Brown	Pink/Orange	Red/Grey	
Black/Light Green	Orange/Pink	White/Purple	Pink/Purple	Red/Blue	
Black/Brown	Orange/Brown	White/Red	Pink/Red	Red/White	
Black/Orange	Orange/Purple	White/Grey	Pink/Grey	Red/Yellow	
Black/Purple	Orange/Red	White/Blue	Pink/Blue		
Black/Red	Orange/Grey	White/Yellow	Pink/White	Grey/Black	
Black/Grey	Orange/Blue		Pink/Yellow	Grey/Green	
Black/Blue	Orange/White	Yellow/Black		Grey/Pink	
Black/White	Orange/Yellow	Yellow/Green	Light Green/Black	Grey/Light Green	
Black/Yellow	Purple/Black	Yellow/Pink	Light Green/Green	Grey/Brown	
	Purple/Green	Yellow/Light Green	Light Green/Pink	Grey/Orange	
Green/Black	Purple/Pink	Yellow/Brown	Light Green/Brown	Grey/Purple	
Green/Pink	Purple/Light Green	Yellow/Orange	Light Green/Orange	Grey/Red	
Green/Light Green	Purple/Brown	Yellow/Purple	Light Green Purple	Grey/Blue	
Green/Brown	Purple/Orange	Yellow/Red	Light Green/Red	Grey/White	
Green/Orange	Purple/Red	Yellow/Grey	Light Green/Grey	Grey/Yellow	
Green/Purple	Purple/Grey	Yellow/Blue	Light Green/Blue		
Green/Red	Purple/Blue	Yellow/White	Light Green/White	Blue/Black	
Green/Grey	Purple/White		Light Green/Yellow	Blue/Green	
Green/Blue	Purple/Yellow	<b>TW 0.75</b>		Blue/Pink	
Green/White		24/0.20mm		Blue/Light Green	
Green/Yellow	Red/Black	(0.75mm <sup>2</sup> )	Brown/Black	Blue/Brown	
	Red/Green	Black	Brown/Green	Blue/Orange	
	Red/Pink	Green	Brown/Pink	Blue/Purple	
Pink/Black	Red/Light Green	Pink	Brown/Light Green	Blue/Red	
Pink/Green	Red/Brown	Light Green	Brown/Orange	Blue/Grey	
Pink/Light Green	Red/Orange	Brown	Brown/Purple	Blue/White	
Pink/Brown	Red/Purple	Orange	Brown/Red	Blue/Yellow	
Pink/Orange	Red/Grey	Purple	Brown/Grey		
Pink/Purple	Red/Blue	Red	Brown/Blue		

## THIN WALL SINGLE CORE AUTO CABLE COLOURS

A number of the colours listed below are non-stock items and a lead time will apply.  
If the colour you require is not listed, then please contact the sales department for the minimum order quantity and lead-time.

White/Black	Green/White	Red/Black	<hr style="border: 1px solid black;"/> <b>TW1.5</b> <b>21/0.30mm</b> <b>(1.5mm<sup>2</sup>)</b> Black Green Pink Light Green Brown Orange Purple Red Grey Blue White Yellow  Black/Green Black/Pink Black/Purple Black/Red Black/Blue Black/White Black/Yellow  Green/Black Green/Brown Green/Orange Green/Purple Green/Red Green/Grey Green/White Green/Yellow  Pink/Blue  Light Green/Brown Light Green/Pink Light Green/Purple Light Green/Brown Light Green/Red Light Green/White Light Green/Purple Light Green/Brown Light Green/Red Light Green/Grey Light Green/Blue Light Green/White Light Green/Yellow  Orange/Black Orange/Green Orange/Pink Orange/Brown Orange/Purple Orange/Red Orange/Grey Orange/Blue Orange/White Orange/Yellow  Purple/Black Purple/Green Purple/Pink Purple/Light Green Purple/Brown Purple/Orange Purple/Red Purple/Grey Purple/Blue Purple/White Purple/Yellow 	Red/Black
White/Green	Green/Yellow	Red/Green		Red/Green
White/Pink		Red/Pink		Red/Light Green
White/Light Green	Pink/Black	Red/Light Green		Red/Brown
White/Brown	Pink/Green	Red/Brown		Red/Orange
White/Orange	Pink/Light Green	Red/Orange		Red/Blue
White/Purple	Pink/Brown	Red/Purple		Red/White
White/Red	Pink/Orange	Red/Grey		Red/Yellow
White/Grey	Pink/Purple	Red/Blue		
White/Blue	Pink/Red	Red/White		Grey/Black
White/Yellow	Pink/Grey	Red/Yellow		Grey/Red
	Pink/Blue			
Yellow/Black	Pink/White	Grey/Black		Blue/Black
Yellow/Green	Pink/Yellow	Grey/Green		Blue/Green
Yellow/Pink		Grey/Pink		Blue/Brown
Yellow/Light Green	Light Green/Black	Grey/Light Green		Blue/Red
Yellow/Brown	Light Green/Green	Grey/Brown		Blue/Grey
Yellow/Orange	Light Green/Pink	Grey/Orange		Blue/White
Yellow/Purple	Light Green/Brown	Grey/Purple		Blue/Yellow
Yellow/Red	Light Green/Orange	Grey/Red		
Yellow/Grey	Light Green/Purple	Grey/Blue		White/Black
Yellow/Blue	Light Green/Red	Grey/White		White/Green
Yellow/White	Light Green/Grey	Grey/Yellow		White/Orange
	Light Green/Blue		White/Red	
<hr style="border: 1px solid black;"/>	Light Green/White	Blue/Black	White/Blue	
<b>TW 1.0</b>	Light Green/Yellow	Blue/Green	White/Yellow	
<b>32/0.20mm</b>		Blue/Pink		
<b>(1.0mm<sup>2</sup>)</b>		Blue/Light Green	Yellow/Black	
Black	Brown/Black	Blue/Brown	Yellow/Brown	
Green	Brown/Green	Blue/Orange	Yellow/Red	
Pink	Brown/Pink	Blue/Purple	Yellow/Blue	
Light Green	Brown/Light Green	Blue/Red	Yellow/White	
Brown	Brown/Orange	Blue/Grey		
Orange	Brown/Purple	Blue/White		
Purple	Brown/Red	Blue/Yellow		
Red	Brown/Grey			
Grey	Brown/Blue	White/Black	<hr style="border: 1px solid black;"/>	
Blue	Brown/White	White/Green	<b>TW 2.0</b>	
White	Brown/Yellow	White/Pink	<b>28/0.30mm</b>	
Yellow		White/Light Green	<b>(2.0mm<sup>2</sup>)</b>	
	Orange/Black	White/Brown	Black	
Black/Green	Orange/Green	White/Orange	Green	
Black/Pink	Orange/Pink	White/Purple	Pink	
Black/Light Green	Orange/Brown	White/Red	Light Green	
Black/Brown	Orange/Purple	White/Grey	Brown	
Black/Orange	Orange/Red	White/Blue	Orange	
Black/Purple	Orange/Grey	White/Yellow	Purple	
Black/Red	Orange/Blue		Red	
Black/Grey	Orange/White		Grey	
Black/Blue	Orange/Yellow	Yellow/Black	Blue	
Black/White		Yellow/Green	White	
Black/Yellow	Purple/Black	Yellow/Pink	Yellow	
	Purple/Green	Yellow/Light Green	Black/Green	
Green/Black	Purple/Pink	Yellow/Brown	Black Pink	
Green/Pink	Purple/Light Green	Yellow/Orange	Black/Light Green	
Green/Light Green	Purple/Brown	Yellow/Purple	Black/Brown	
Green/Brown	Purple/Orange	Yellow/Red	Black/Orange	
Green/Orange	Purple/Red	Yellow/Grey	Black/Purple	
Green/Purple	Purple/Grey	Yellow/Blue	Black/Red	
Green/Red	Purple/Blue	Yellow/White	Black/Grey	
Green/Grey	Purple/White		Black/Blue	
Green/Blue	Purple/Yellow		Black/White	
			Black/Yellow	

## THIN WALL SINGLE CORE AUTO CABLE COLOURS

A number of the colours listed below are Non-Stock items and a lead time will apply.

If the colour you require is not listed, then please contact the Sales Department for the minimum order quantity and lead-time.

Green/Black	Purple/Pink	Yellow/Light Green	<hr/> TW 3.0	<hr/> TW 4.5
Green/Pink	Purple/Light Green	Yellow/Brown	44/0.30mm	65/0.30mm
Green/Light Green	Purple/Brown	Yellow/Orange	(3.0mm <sup>2</sup> )	(4.5mm <sup>2</sup> )
Green/Brown	Purple/Orange	Yellow/Purple	Black	Black
Green/Orange	Purple/Red	Yellow/Red	Green	Brown
Green/Purple	Purple/Grey	Yellow/Grey	Brown	Red
Green/Red	Purple/Blue	Yellow/Blue	Orange	White
Green/Grey	Purple/White	Yellow/White	Purple	Yellow
Green/Blue	Purple/Yellow		Red	
Green/White		<hr/> TW 2.5	Grey	<hr/> TW 6.0
Green/Yellow	Red/Black	35/0.30mm	Blue	84/0.30mm
	Red/Green	(2.5mm <sup>2</sup> )	White	(6.0mm <sup>2</sup> )
Pink/Black	Red/Pink	Black	Yellow	Black
Pink/Green	Red/Light Green	Green		Brown
Pink/Light Green	Red/Brown	Brown	Black/Yellow	Orange
Pink/Brown	Red/Orange	Orange		Red
Pink/Orange	Red/Purple	Purple	Green/Yellow	Green
Pink/Purple	Red/Grey	Red		Grey
Pink/Red	Red/Blue	Grey	Brown/Black	Purple
Pink/Grey	Red/White	Blue	Brown/Green	White
Pink/Blue	Red/Yellow	White	Brown/Pink	Blue
Pink/White		Yellow	Brown/Red	Yellow
Pink/Yellow	Grey/Black		Brown/Grey	Brown/Blue
	Grey/Green	Black/Green	Brown/Blue	Brown/White
Light Green/Black	Grey/Pink	Black/Purple	Brown/White	Red/Yellow
Light Green/Green	Grey/Light Green	Black/Red	Brown/Yellow	White/Orange
Light Green/Pink	Grey/Brown	Black/White		
Light Green/Brown	Grey/Orange	Black/Yellow		
Light Green/Orange	Grey/Purple		Red/Black	<hr/> TW 7.0
Light Green/Purple	Grey/Red	Green/Pink	Red/Green	97/0.30mm
Light Green/Red	Grey/Blue	Green/Red	Red/Orange	(7.0mm <sup>2</sup> )
Light Green/Grey	Grey/White	Green/Yellow	Red/Blue	Black
Light Green/Blue	Grey/Yellow		Red/White	Brown
Light Green/White		Brown/Green	Red/Yellow	Red
Light Green/Yellow	Blue/Black	Brown/White		
	Blue/Green		Grey/Blue	<hr/> TW 8.5
Brown/Black	Blue/Pink	Purple/Blue		120/0.30mm
Brown/Green	Blue/Light Green	Purple/White	Blue/Purple	(8.5mm <sup>2</sup> )
Brown/Pink	Blue/Brown	Purple/Yellow	Blue/Red	Black
Brown/Light Green	Blue/Orange		Blue/White	Brown
Brown/Orange	Blue/Purple	Red/Black		Red
Brown/Purple	Blue/Red	Red/Green	White/Black	White
Brown/Red	Blue/Grey	Red/Orange	White/Orange	
Brown/Grey	Blue/White	Red/Blue	White/Red	<hr/> TW 10.0
Brown/Blue	Blue/Yellow	Red/White		80/0.40mm
Brown/White		Red/Yellow	Yellow/White	(10.0mm <sup>2</sup> )
Brown/Yellow	White/Black			Black
	White/Green	Grey/Black	<hr/> TW 4.0	Brown
Orange/Black	White/Pink	Grey/Green	56.30mm	Red
Orange/Green	White/Light Green	Grey/Red	(4.0mm <sup>2</sup> )	
Orange/Pink	White/Brown		Black	<hr/> TW 16.0
Orange/Brown	White/Orange	Blue/Red	Brown	126/0.40mm
Orange/Purple	White/Purple	Blue/White	Red	(16.0mm <sup>2</sup> )
Orange/Red	White/Red		White	Black
Orange/Grey	White/Grey	White/Red	Yellow	Red
Orange/Blue	White/Blue	White/Yellow	Green	
Orange/White	White/Yellow		Blue	<hr/> TW 25.0
Orange/Yellow		Yellow/White	Grey	196/0.40mm
	Yellow/Black		Orange	(25.0mm <sup>2</sup> )
Purple/Black	Yellow/Green		Purple	Black
Purple/Green	Yellow/Pink			Red

## THIN WALL 2 CORE AUTO CABLES (FLAT TWINS)

Cores Manufactured to ISO 6722 : 2006 (Class B) 105°C.  
Plain Copper Conductors - PVC Sheathed 70°C.

Extended  
Range



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Nominal Current Rating (Amps)	Maximum Overall Dimensions of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW02/06	2 x 16/0.20	2 x 0.5	11.0	3.5 x 5.5	Black	Red Black	30 100
TW02/04	2 x 24/0.20	2 x 0.75	14.0	3.5 x 5.5	Black		30 100
TW02/01	2 x 32/0.20	2 x 1.0	16.5	3.5 x 5.5	Black		30 100 500
TW02/05	2 x 21/0.30	2 x 1.5	21.0	3.8 x 6.6	Black		30 100
TW02/02	2 x 28/0.30	2 x 2.0	25.0	3.8 x 6.6	Black		30 100
New TW02/07	2 x 35/0.30	2 x 2.5	29.0	4.4 x 7.6	Black		30 100
New TW02/08	2 x 44/0.30	2 x 3.0	33.0	4.4 x 7.6	Black		30 100
New TW02/09	2 x 65/0.30	2 x 4.5	42.0	5.7 x 9.5	Black		30 100

Please contact the sales department if the sheath or core colour you require is not listed.

## THIN WALL 2 CORE AUTO CABLES (ROUND TWINS)

Cores Manufactured to ISO 6722 : 2006 (Class B) 105°C.  
Plain Copper Conductors - PVC Sheathed 70°C.

Extended  
Range



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Nominal Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
TW02/21	2 x 16/0.20	2 x 0.5	11.0	5.0	Black	Black Red	30 100
TW02/22	2 x 24/0.20	2 x 0.75	14.0	5.5	Black		30 100
TW02/03	2 x 32/0.20	2 x 1.0	16.5	5.7	Black		30 100
New TW02/25	2 x 21/0.30	2 x 1.5	21.0	6.5	Black		30 100
TW02/24	2 x 28/0.30	2 x 2.0	25.0	6.7	Black		30 100
New TW02/26	2 x 35/0.30	2 x 2.5	29.0	8.3	Black		30 100

Please contact the sales department if the sheath or core colour you require is not listed.

## THIN WALL 3 CORE AUTO CABLES

Cores Manufactured to ISO 6722 : 2006 (Class B) 105°C  
Plain Copper Conductors - PVC Sheathed 70°C.

Extended  
Range



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Nominal Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
<b>New</b> TW03/03	3 x 24/0.20	3 x 0.75	14.0	5.6	Black	Black Red Green	30 100
TW03/01	3 x 32/0.20	3 x 1.0	16.5	5.6	Black		30 100
<b>New</b> TW03/04	3 x 21/0.30	3 x 1.5	21.0	6.8	Black		30 100
TW03/02	3 x 28/0.30	3 x 2.0	25.0	7.3	Black		30 100

## THIN WALL 4 CORE AUTO CABLES

Cores Manufactured to ISO 6722 : 2006 (Class B) 105°C  
Plain Copper Conductors - PVC Sheathed 70°C.

Extended  
Range



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Nominal Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
<b>New</b> TW04/02	4 x 24/0.20	4 x 0.75	14.0	5.8	Black	Brown Green Red White	30 100
TW04/01	4 x 32/0.20	4 x 1.0	16.5	5.8	Black		30 100
TW04/03	4 x 21/0.30	4 x 1.5	21.0	7.6	Black		30 100

## THIN WALL 5 CORE AUTO CABLES

Cores Manufactured to ISO 6722 : 2006 (Class B) 105°C  
Plain Copper Conductors - PVC Sheathed 70°C.



Extended  
Range



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Nominal Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
<b>New</b> TW05/02	5 x 24/0.20	5 x 0.75	14.0	6.3	Black	Brown Green Red White Yellow	30 100
TW05/01	5 x 32/0.20	5 x 1.0	16.5	6.3	Black		30 100
TW05/03	4 x 32/0.20 1 x 28/0.30	4 x 1.0 1 x 2.0	16.5 25.0	7.6	Black		30 100



## THIN WALL 7 CORE AUTO CABLES

Cores Manufactured to ISO 6722 : 2006 (Class B) 105°C  
Plain Copper Conductors - PVC Sheathed 70°C.

						CROSS SECTION	
Part No.	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Nominal Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
New TW07/03	7 x 16/0.20	7 x 0.5	11.0	7.0	Black	Black Red Green Yellow Brown White Blue	30 100
TW07/01	7 x 24/0.20	7 x 0.75	14.0	6.8	Black		30 100
New TW07/04	7 x 32/0.20	7 x 1.0	16.5	7.4	Black		30 100
TW07/02	6 x 32/0.20 1 x 28/0.30	6 x 1.0 1 x 2.0	16.5 25.0	7.8	Black		30 100
New TW07/07	6 x 21/0.30 1 x 35/0.30	6 x 1.5 1 x 2.5	21.0 29.0	10.1	Grey		30 100



## THIN WALL 8 CORE AUTO CABLE

Cores manufactured to ISO 6722 : 2006 (Class B) 105°C.  
Plain copper conductors - PVC sheathed 70°C.

						CROSS SECTION	
Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
New TW08/01	7 x 32/0.20 1 x 28/0.30	7 x 1.0 1 x 2.0	16.5 25.0	8.5	Black	Black Red Blue Yellow Purple Brown White Green	50 100


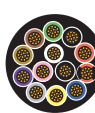
## THIN WALL 10 CORE AUTO CABLE

Cores manufactured to ISO 6722 : 2006 (Class B) 105°C.  
Plain copper conductors - PVC sheathed 70°C.

						CROSS SECTION	
Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
New TW10/01	9 x 32/0.20 1 x 28/0.30	9 x 1.0 1 x 2.0	16.5 25.0	9.8	Black	Black Red Green Grey Blue Yellow Brown Orange Purple White	50 100

## THIN WALL 13 CORE AUTO CABLE

Cores manufactured to ISO 6722 : 2006 (Class B) 105°C.  
Plain copper conductors - PVC sheathed 70°C.

						CROSS SECTION	
Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
New TW13/01	12 x 21/0.30 1 x 35/0.30	12 x 1.5 1 x 2.5	21.0 29.0	12.3	Black	Yellow Blue Green Brown Red/Black Black Red Pink Purple Grey White Light-Brown Orange	50

## PVC FLEXIBLE BATTERY AND STARTER CABLES

Single insulated battery / starter cables.  
Resistant to petrol, lubricating oils and diluted acids.  
Plain copper conductors - PVC insulated -15°C to +70°C.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Resistance Per Metre at 20°C (Ohms)	Sheath Colours	Lengths Available (Metres)
929	266/0.30	20	135	9.5	0.0010	Black Red	10 30 100
934	196/0.40	25	170	9.8	0.0008	Black Red	10 30 100
935	315/0.40	40	300	12.2	0.0005	Black Red	10 30 50
936	396/0.40	50	345	13.3	0.0004	Black Red	10 30 50
937	475/0.40	60	415	14.6	0.0003	Black Red	10 30 50

See page 2 for high temperature thin wall battery cables (16mm<sup>2</sup> and 25mm<sup>2</sup>).

## PVC BATTERY / WELDING CABLES

Single insulated extra flexible welding/battery cables designed for use in tough working environments.  
Resistant to petrol, lubricating oils and diluted acids.  
Plain copper conductors - PVC insulated -30°C to +70°C.



Part No	Nominal Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Sheath Colours	Reel Sizes (metres)
PVC 16	206/0.30	16	110	8.3	Black Red	10 30 100
PVC 20	266/0.30	20	135	9.0	Black Red	10 30 100
PVC 25	322/0.30	25	170	10.1	Black Red	10 30 100
PVC 35	451/0.30	35	240	11.8	Black Red	10 30 100
PVC 40	539/0.30	40	300	12.7	Black Red	10 30 50
PVC 50	640/0.30	50	345	13.5	Black Red	10 30 50
PVC 60	805/0.30	60	415	15.0	Black Red	10 30 50
PVC 70	905/0.30	70	485	15.4	Black Red	10 30 50
PVC 95	684/0.40	95	500	17.9	Black Red	10 50
PVC 120	888/0.40	120	600	19.7	Black Red	10 50
PVC 150	1184/0.40	150	700	22.0	Black Red	10 50

## DOUBLE INSULATED BATTERY / WELDING CABLES

Double insulated extra flexible welding/battery cables designed for use even under severe climatic and mechanical conditions. Resistant to petrol, lubricating oils and diluted acids.

The sheath remains flexible in both low and high temperatures and is flame retardant.

Manufactured in accordance with BS638 part 4 1996 standard.

\*Tinned copper conductors - high temperature separator.

Butyl rubber insulation - rubber sheath 85°C.



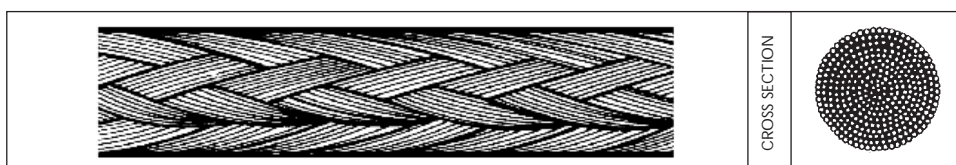
Part No	Nominal Conductor Specification (mm)	Conductor cross section (mm <sup>2</sup> )	Current Rating (Amps)	Maximum Overall Diameter of Cable (mm)	Sheath Colours	Reel sizes (metres)
W16	513/0.20	16	175	11.0	Black Orange	100
W25	783/0.20	25	230	12.7	Black Orange	100
W35	1107/0.20	35	290	14.2	Black Orange	100
W50	1566/0.20	50	370	16.5	Black Orange	100
W70	2214/0.20	70	460	19.2	Black Orange	100

\*Note - copper conductors on the black sheathed cables are not tinned.

## TINNED COPPER EARTHING BRAIDS

Manufactured in accordance with BS6862 Part 1 1971, where applicable.

Tinned copper conductors.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Configuration	Reel sizes (metres)
400	16/16/0.30	19	130	7.2	Round	10 30
401	16/32/0.30	37	260	11.1	Round	10 30

## PVC IGNITION CABLES (HIGH TENSION)

Manufactured in accordance with BS6862 Part 1 1971, where applicable.

Plain copper conductors - PVC insulated and sheathed 70°C.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Overall Diameter of Cable (mm)	Sheath Colours	Reel Sizes (Metres)
75	16/0.30	1.15	7.0	Black	30 100
76	19/0.30	1.35	7.0	Black Red	30 100

## STEREO SPEAKER TWIN CABLES

Twin flat figure of 8 cables suitable for wiring speaker systems in vehicles and in the home.  
Plain copper conductors - PVC insulated.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Overall Diameter of Cable (mm)	Current Rating (Amps)	Sheath Colours	Reel Sizes (Metres)
550	2 x 12/0.20	2 x 0.38	3.6 x 1.7	2	Black - Black/White	30 100 500
551	2 x 16/0.20	2 x 0.5	3.9 x 1.9	3	Black - Black/White	30 100 500
552	2 x 24/0.20	2 x 0.75	4.3 x 2.1	6	Black - Black/Red	30 100 500
553	2 x 32/0.20	2 x 1.0	4.6 x 2.3	10	Black - Black/Blue	30 100
554	2 x 21/0.30	2 x 1.5	5.9 x 2.8	15	Transparent-Trans/Green	30 100
555	2 x 35/0.30	2 x 2.5	6.7 x 3.0	20	Transparent-Trans/Yellow	30 100

Please contact the sales department if the colour combination you require is not listed.

## RUBBER 2 CORE MAINS CABLE

2 core Tough Rubber Sheathed (T.R.S.) cable suitable for 110 - 240 volt mains application.  
Manufactured in accordance with BS6500.  
Plain copper conductors - Rubber insulated and sheathed.



Part No	Nominal Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
3182R0.75	2 x 24/0.20	2 x 0.75	6	Black	Brown Blue	50

## RUBBER 3 CORE MAINS CABLES

3 core Tough Rubber Sheathed (T.R.S.) cables suitable for 110 - 240 volt mains application.  
Manufactured in accordance with BS6500.  
Plain copper conductors - Rubber insulated and sheathed.

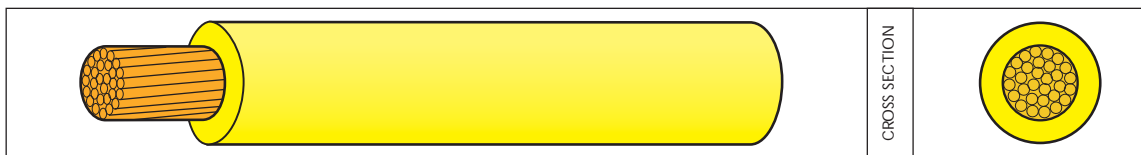


Part No	Nominal Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Sheath Colour	Core Colours	Reel Sizes (Metres)
3183R0.75	3 x 24/0.20	3 x 0.75	6	Black	Blue	50
3183R1.0	3 x 32/0.20	3 x 1.0	10	Black	Brown	50
3183R1.5	3 x 30/0.25	3 x 1.5	15	Black	Green/Yellow	50

## PVC SINGLE CORE AUTO CABLES

General purpose low voltage wiring cables suitable for use in the automotive, marine and allied industries. Resistant to petrol, diesel, lubricating oils and diluted acids. Suitable for use at temperatures up to 70°C.

Manufactured in accordance with BS6862 part 1 1971 where applicable. Plain copper conductors to BS6360 – PVC insulated.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Maximum Diameter of Cable (mm)	Maximum Loading (Watts)		Resistance Per Metre at 20°C (Ohms)	Reel Sizes (Metres)	Box Pack Sizes (Metres)
					12 Volts	24 Volts			
1598	9/0.30	0.65	5.75	2.5	69	138	0.0294	50 500	3000
1600	14/0.30	1.0	8.75	2.7	105	210	0.0189	50 500	2500
1601	21/0.30	1.5	12.75	3.1	153	306	0.0125	50 500	2000
1603	28/0.30	2.0	17.5	3.4	210	420	0.0094	50 500	1500
1604	35/0.30	2.5	21.75	3.8	261	522	0.0075	50	1250
1605	44/0.30	3.0	27.5	4.2	330	660	0.0060	30 50 100	1000
1606	65/0.30	4.5	35.0	5.1	420	840	0.0041	30 100	600
1608	84/0.30	6.0	42.0	5.9	504	1008	0.0031	30 100	
1609	97/0.30	7.0	50.0	6.2	600	1200	0.0027	30 100	
1607	120/0.30	8.5	60.0	7.0	720	1440	0.0022	30 100	
1611	80/0.40	10.0	70.0	7.5	840	1680	0.0018	30 100	

## PVC SINGLE CORE AUTO CABLE COLOURS

If the colour you require is not listed, contact the sales department for the minimum order quantity and lead-time.

1598 9/0.30mm (0.65mm <sup>2</sup> ) Black Green Brown Purple Red Grey Blue White Yellow	1601 21/0.30mm (1.5mm <sup>2</sup> ) Black Red	1604 35/0.30mm (2.5mm <sup>2</sup> ) Black Red	1606 65/0.30mm (4.5mm <sup>2</sup> ) Black Brown Red	1607 120/0.30mm (8.5mm <sup>2</sup> ) Black Red
1600 14/0.30mm (1.0mm <sup>2</sup> ) Black Green Pink Light Green Brown Orange Purple Red Grey Blue White Yellow	1603 28/0.30mm (2.0mm <sup>2</sup> ) Black Green Brown Purple Red Blue White Yellow	1605 44/0.30mm (3.0mm <sup>2</sup> ) Black Brown Red	1608 84/0.30mm (6.0mm <sup>2</sup> ) Black Red	1611 80/0.40mm (10.0mm <sup>2</sup> ) Black Red
			1609 97/0.30mm (7.0mm <sup>2</sup> ) Black Red	

## PVC 2 CORE AUTO CABLES (FLAT TWINS)

Manufactured in accordance with BS6862 Part 1 1971, where applicable.  
Plain copper conductors - PVC insulated and sheathed 70°C.



Part No.	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Maximum Overall Dimensions of Cable (mm)	Reel Sizes (Metres)
1649	2 x 9/0.30	2 x 0.65	5.75	6.1 x 3.8	30 100
1650	2 x 14/0.30	2 x 1.0	8.75	6.5 x 4.0	30 50 100
1651	2 x 21/0.30	2 x 1.5	12.75	7.0 x 4.1	30 100
1652	2 x 28/0.30	2 x 2.0	17.5	7.9 x 4.8	30 50 100
1653	2 x 35/0.30	2 x 2.5	21.75	8.8 x 5.2	30 100
1654	2 x 44/0.30	2 x 3.0	27.5	9.5 x 5.7	30 100
1655	2 x 65/0.30	2 x 4.5	35.0	11.9 x 7.0	30 100

## PVC FLAT TWIN SHEATH AND CORE COLOURS

Part No.	Sheath Colour	Core Colours
1649	Black	Black-White Brown-White Red-Black
1650	Black Red White	Black-White Black-Yellow Blue-White Brown-White Red-Black Red-White Red-Black Red-Black
1651	Black	Red-Black
1652	Black White	Red-Black Red-Black
1653	Black	Red-Black
1654	Black	Red-Black
1655	Black	Red-Black

Please contact the Sales Department if the sheath or core colour you require is not listed.

## PVC 2 CORE AUTO CABLES (ROUND TWINS)

Manufactured in accordance with BS6862 Part 1 1971, where applicable.  
Plain copper conductors - PVC insulated and sheathed 70°C.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
1656	2 x 9/0.30	2 x 0.65	5.75	6.5	Black	Black Red	30 100
1657	2 x 14/0.30	2 x 1.0	8.75	7.0	Black		30 100
1658	2 x 28/0.30	2 x 2.0	17.5	8.3	Black		30 100

Please contact the sales department if the sheath or core colour you require is not listed.

### PVC 3 CORE AUTO CABLES

Manufactured in accordance with BS6862 Part 1 1971, where applicable.  
Plain copper conductors - PVC insulated and sheathed 70°C.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
947	3 x 9/0.30	3 x 0.65	5.75	7.0	Black	Black Green Red	30 100
948	3 x 14/0.30	3 x 1.0	8.75	7.5	Black		30 100
950	3 x 21/0.30	3 x 1.5	12.75	8.0	Black		30 100
949	3 x 28/0.30	3 x 2.0	17.5	8.5	Black		30 100

### PVC 4 CORE AUTO CABLES

Manufactured in accordance with BS6862 Part 1 1971, where applicable.  
Plain copper conductors - PVC insulated and sheathed 70°C.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
959	4 x 9/0.30	4 x 0.65	5.75	7.5	Black	Brown Green Red White	30 100
960	4 x 14/0.30	4 x 1.0	8.75	8.1	Black		30 100
961	4 x 21/0.30	4 x 1.5	12.75	9.0	Black		30 100

### PVC 5 CORE AUTO CABLES

Manufactured in accordance with BS6862 Part 1 1971, where applicable.  
Plain copper conductors - PVC insulated and sheathed 70°C.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
951	5 x 9/0.30	5 x 0.65	5.75	8.3	Black	Brown Green Red White Yellow	30 100
998	5 x 14/0.30	5 x 1.0	8.75	8.9	Black		30 100
995	4 x 14/0.30 1 x 28/0.30	4 x 1.0 1 x 2.0	8.75 17.5	9.8	Black		30 100

## PVC 7 CORE AUTO CABLES

Manufactured in accordance with BS6862 Part 1 1971, where applicable.  
Plain copper conductors - PVC insulated and sheathed 70°C.



Part No	Conductor Specification (mm)	Conductor Cross Section (mm <sup>2</sup> )	Current Rating (Amps)	Overall Diameter of Cable (mm)	Sheath Colour	Core Colours	Reel Sizes (Metres)
953	7 x 16/0.20	7 x 0.5	4.25	8.5	Black	Black Red Green Yellow Brown White Blue	30 100
952	7 x 9/0.30	7 x 0.65	5.75	9.0	Black		30 100
955	6 x 9/0.30 1 x 14/0.30	6 x 0.65 1 x 1.0	6 x 5.75 1 x 8.75	9.2	Black		30 100
999	6 x 14/0.30 1 x 28/0.30	6 x 1.0 1 x 2.0	6 x 8.75 1 x 17.5	10.2	Black		30 100
1000	6 x 21/0.30 1 x 35/0.30	6 x 1.5 1 x 2.5	6 x 12.75 1 x 21.75	11.2	Grey		30 100

8 core, 10 core, 13 core now on page 8.